Index to Volume 32

Authors and Titles

Adams, M., Baverstock, P. R., Saunders, D. A., Schodde, R., and Smith, G. T.
Biochemical systematics of the Australian cockatoos (Psittaciformes : Cacatuinae) 363
Adams, M.
See Baverstock, P. R. 823
Archer, M.
See Baverstock, P. R. 823
Austin, A.D.
See Galloway, I. D. 719
Ayre, D. J., Coster, P., Bailey, W. J., and Roberts, J. D.
Calling tactics in *Crinia georgiana* (Anura : Myobatrachidae) : alternation and variation in call duration 463

Bailey, W. J.
See Ayre, D. J. 463
Baker, G. H.
Distribution, morphology and life history of the millipede *Ommatoiulus moreletii* (Diplopoda : Iulidae) in Portugal and comparisons with Australian populations 811
Barnes, A., and Gemmell, R. T.
Correlations between breeding activity in the marsupial bandicoots and some environmental variables 219
Baudinette, R. V.
See Roberts, J. D. 637
Baverstock, P. R., Adams, M., and Archer, M.
Electrophoretic resolution of species boundaries in the *Sminthopsis murina* complex (Dasyuridae) 823
Baverstock, P. R.
See Adams, M. 363
Berg, G. N.
The effect of temperature and host species on the population growth potential of the cowpea aphid, *Aphis craccivora* Koch (Homoptera : Aphididae) 345
Bock, I.
The chromosomes of six species of the *Drosophila lativittata* complex 43
Drosophilidae (Insecta : Diptera) in the Cooktown area of north Queensland 109
Bohart, R. M.
A revision of the genus *Austrogorytes* Bohart (Hymenoptera: Sphecidae) 391
Boros, C. B.
Descriptions of the larvae of six Australian species of *Chrysopa* Leach, s. l. (Neuroptera : Chrysopidae) 833
Bourne, A. R.
See Wilson, B. A. 311
Bowen, B. J., Codd, C. G., and Gwynne, D. T.
The katydid spermatophore (Orthoptera : Tettigoniidae): male nutritional investment and its fate in the mated female 23
Bowen, B. J.
See Gwynne, D. T. 15
Bryden, M. M., Smith, M. S. R., Tedman, R. A., and Featherston, D. W.
Growth of the Weddell seal, *Leptonychotes weddelli* (Pinnipedia) 33
Bunn, S. E.
See Hynes, H. B. N. 97
Burgman, M. A.
See Koch, L. E. 507

Campbell, N. A.
See Saunders, D. A. 57
Cantrell, B. K.
Synopsis of the Australian Phasiinae, including revisions of *Gerocyptera* Townsend and the Australian species of *Cylindromyia* Meigen (Diptera : Tachinidae) Supplement No. 102 (24 September). Abstract 905
Cassis, G.
See McDonald, F. J. D. 537
Cepon, G.
See Gemmell, R. T. 623
Channells, P. W.
See Marsh, H. 743
Chaturvedi, C. M.
Effect of melatonin on the adrenal and gonad of the common mynah, *Acridotheres tristis* 803
Chessman, B. C.
Evaporative water loss from three south-eastern Australian species of freshwater turtle 649
Chilcott, M. J., and Hume, I. D.
Digestion of *Eucalyptus andrewsii* foliage by the common ringtail possum, *Pseudocheirus peregrinus* 605
Nitrogen and urea metabolism and nitrogen requirements of the common ringtail

possum *Pseudocheirus peregrinus*, fed *Eucalyptus andrewsii* foilage 615
Christensen, C. C.
See Solem, A. 471
Codd, G. C.
See Bowen, B. J. 23
See Gwynne, D. T. 15
Cook, I. M., Spain, A. V., and Sinclair, D. F.
The effects of immersion in water on survival to eclosion of the embryos of the buffalo fly, *Haematobia irritans exigua* de Meijere (Diptera : Muscidae) 227
Cooke, B. D.
Factors limiting the distribution of the European rabbit flea, *Spilopsyllus cuniculi* (Dale) (Siphonaptera), in inland South Australia 493
Coster, P.
See Ayre, D. J. 463

Davey, R. J.
See Johnston, P. G. 319
Davies, M.
Osteology of the myobatrachine frog *Arenophryne rotunda* Tyler (Anura : Leptodactylidae) and comparisons with other myobatrachine genera 789
Dearn, J. M.
Colour pattern polymorphism in the grasshopper *Phaulacridium vittatum*. I. Geographic variation in Victoria and evidence of habitat association 239
Debenham, M. L.
Australasian species of the blood-feeding *Forcipomyia* subgenera, *Lasiohelea* and *Dacnoforcipomyia* (Diptera : Ceratopogonidae). Supplement No. 95 (4 November 1983). Abstract 205
Debenham, M. L., and Wirth, W. W.
Australian and New Guinea species of the *Forcipomyia* subgenus *Euprojoannisia* (Diptera : Ceratopogonidae) 851
Dennis, E.
See Menzies, J. I. 603

East, R. A.
See O'Loughlin, G. T. 353
Epila, J. S. O.
See Tanton, M. T. 251, 325, 337
Evans, H. E.
A revision of spider wasps of the genus *Turneromyia* (Hymenoptera : Pompilidae). Supplement No. 101 (24 September). Abstract 905

Featherston, D. W.
See Bryden, M. M. 33

Galloway, I. D., and Austin, A. D.
Revision of the Scelioninae (Hymenoptera : Scelionidae) of Australia. Supplement No. 99 (22 June). Abstract 719
Gemmell, R. T., Walker, M. T., Johnston, G., and Cepon, G.
The number of young present in sequential litters of the marsupial bandicoot, *Isoodon macrourus*, in captivity 623
Glover, T. D.
See Marsh, H. 721
Grant, T. R.
See Whittington, R. J. 631
Greenaway, P.
The relative importance of the gills and lungs in the gas exchange of amphibious crabs of the genus *Holthuisana* 1
Grewal, J. S., and Kapoor, V. C.
Courtship and mating behaviour in the fruit fly *Dioxyna sororcula* (Wied.) (Diptera : Tephritidae) 671
Gullan, P. J.
A revision of the gall-forming coccoid genus *Cylindrococcus* Maskell (Homoptera : Eriococcidae) 677
A revision of the gall-forming coccoid genus *Apiomorpha* Rübsaamen (Homoptera : Eriococcidae : Apiomorphinae). Supplement No. 97 (8 June). Abstract 719
Gwynne, D. T., Bowen, B. J., and Codd, C. G.
The function of the katydid spermatophore and its role in fecundity and insemination (Orthoptera : Tettigoniidae) 15
Gwynne, D. T.
See Bowen, B. J. 23

Heinsohn, G. E.
See Marsh, H. 721, 743, 767
Hill, L.
New genera of Hypselomatinae (Heteroptera : Schizopteridae) from Australia. Supplement No. 103 (24 September). Abstract 905
Horton, B. J.
See Jones, E. 231
Hume, I. D.
See Chilcott, M. J. 605, 615
Hynes, H. B. N., and Bunn, S. E.
The stoneflies (Plecoptera) of Western Australia 97

James, D. G.
Population and general biology of non-reproductive colonies of the monarch butterfly, *Danaus plexippus* (L.) (Lepidoptera : Danaidae) in New South Wales 663
Johnston, G.
See Gemmell, R. T. 623

Johnston, P. G., Davey, R. J., and Seebeck, J. H.
Chromosome homologies in *Potorous tridactylus* and *P. longipes* (Marsupialia : Macropodidae) based on G-banding patterns 319
Jones, E., and Horton, B. J.
Gene frequencies and body weights of feral cats, *Felis catus* L., from five Australian localities and from Macquarie Island 231

Kapoor, V. C.
See Grewal, J. S. 671
Khoo, K. C.
The Australian species of *Cyamops* Melander (Diptera : Periscelididae) 527
Koch, L. E., and Burgman, M. A.
The zoogeography and phylogenetic relationships of three genera of Australian scolopendrid centipedes (Chilopoda : Scolopendridae) 507

McDonald, F. J. D., and Cassis, G.
Revision of the Australian Scutelleridae Leach (Hemiptera) 537
Marsh, H., Heinsohn, G. E., and Glover, T. D.
Changes in the male reproductive organs of the dugong, *Dugong dugon* (Sirenia : Dugongidae), with age and reproductive activity 721
Marsh, H., Heinsohn, G. E., and Channells, P. W.
Changes in the ovaries and uterus of the dugong, *Dugong dugon* (Sirenia : Dugongidae), with age and reproductive activity 743
Marsh, H., Heinsohn, G. E., and Marsh, L. M.
Breeding cycle, life history and population dynamics of the dugong, *Dugong dugon* (Sirenia : Dugongidae) 767
Marsh, L. M.
See Marsh, H. 767
Meats, M.
See O'Loughlin, G. T. 353
Menzies J. I., and Dennis, E.
Systematics and chromosomes of New Guinea *Rattus:* a correction 603

New, T. R.
Revision of the Australian Ascalaphidae (Insecta : Neuroptera). Supplement No. 100 (27 August). Abstract 720

Obendorf, D. L.
The macropodid oesophagus.
I. Gross anatomical, light microscopic, scanning and transmission electron microscopic observations of its mucosa 415
III. Observations on the nematode parasites 437
O'Loughlin, G. T., East, R. A., and Meats, A.
Survival, development rates and generation times of the Queensland fruit fly, *Dacus tryoni*, in a marginally favourable climate: experiments in Victoria 353

Raven, R. J.
A new diplurid genus from eastern Australia and a related *Aname* species (Diplurinae : Dipluridae : Araneae). Supplement No. 96 (26 January). Abstract 205
Systematics and biogeography of the mygalomorph spider family Migidae (Araneae) in Australia 379
Systematics of the Australian curtain-web spiders (Ischnothelinae : Dipluridae : Chelicerata). Supplement No. 93 (5 March). Abstract 413
Roberts, J. D.
See Ayre, D. J. 463
Roberts, J. R., and Baudinette, R. V.
The water economy of stubble quail, *Coturnix pectoralis*, and king quail, *Coturnix chinensis* 637

Saunders, D. A., Smith, G. T., and Campbell, N. A.
The relationship between body weight, egg weight, incubation period, nestling period and nest site in the Psittaciformes, Falconiformes, Strigiformes and Columbiformes 57
Saunders, D. A.
See Adams, M. 363
Schodde, R.
See Adams, M. 363
Seebeck, J. H.
See Johnston, P. G. 319
Sinclair, D. F.
See Cook, I. M. 227
Smith, G. T.
See Saunders, D. A. 57
See Adams, M. 363
Smith, M. S. R.
See Bryden, M. M. 33
Spain, A. V.
See Cook, I. M. 227

Spratt, D. M.
Further studies of lung parasites (Nematoda) from Australian marsupials 283
Solem, A., and Christensen, C. C.
Camaenid land snail reproductive cycle and growth patterns in semiarid areas of north-western Australia 471
Southcott, R. V.
See Veitch, L. G. 519
Supplementary Series
Nos 1–100, classified list 897

Tanton, M. T., and Epila, J. S. O.
Parasitization of larvae of *Paropsis atomaria* Ol. (Coleoptera : Chrysomelidae) in the Australian Capital Territory 251
Effects of DDT and fenitrothion on field-collected larvae of a eucalypt-defoliating beetle, *Paropsis atomaria* Ol.
I. Mortality, relative toxicity, development of treated larvae, and effect of the primary parasitoids 325
II. Effects of treatment of the host on the parasitoids 337
Tedman, R. A.
See Bryden, M. M. 33
Theischinger G.
The species of the genus *Illiesoperla* McLellan (Insecta : Plecoptera : Gripopterygidae) 537
A revision of the Australian stonefly genus *Austrocercella* Illies (Insecta : Plecoptera : Notonemouridae) 691
See Watson, J. A. L. 719
Theischinger, G., and Watson, J. A. L.
Larvae of Australian Gomphomacromiinae, and their bearing on the status of the *Synthemis* group of genera (Odonata : Corduliidae) 67

Veitch, L. G., and Southcott, R. V.
Discriminant analysis using metric data from larval specimens of three species of *Odontacarus* (Acarina : Trombiculidae) 519

Walker, M. T.
See Gemmell, R. T. 623
Ward, P. S.
A revision of the ant genus *Rhytidoponera* (Hymenoptera : Formicidae) in New Caledonia 131
Watson, J. A. L., and Theischinger, G.
The Australian Protoneurinae (Odonata). Supplement No. 98 (8 June). Abstract 719
Watson, J. A. L.
See Theischinger, G. 67
Watson, R. A.
The life cycle and morphology of *Tetracerasta blepta*, gen. et sp. nov., and *Stegodexamene callista*, sp. nov. (Trematoda : Lepocreadiidae) from the long-finned eel, *Anguilla reinhardtii* Steindachner 177
Webb, M. D.
Revision of the Australian Idiocerinae (Hemiptera : Homoptera : Cicadellidae). Supplement No. 92 (3 January). Abstract 205
Wells, A.
Hydroptila Dalman and *Orthotricha* Eaton (Trichoptera : Hydroptilidae) from the islands of New Guinea and New Britain, with observations on relationships 261
Whittington, R. J., and Grant, T. R.
Haematology and blood chemistry of the conscious platypus, *Ornithorhynchus anatinus* (Shaw) (Monotremata : Ornithorhynchidae) 631
Williams, J. B.
Cells in the parenchyma of *Temnocephala*.
I. A large secretory cell, with a 'honeycomb' nucleus surrounded by juxtanuclear desmosomes: a new cell type in *Temnocephala novaezealandiae* (Temnocephalidae : Platyhelminthes) 207
The genital system of *Temnocephala*.
II. Further observations on the spermatogenesis of *Temnocephala novaezealandiae*, with particular reference to the mitochondria 447
Wilson, B. A., and Bourne, A. R.
Reproduction in the male dasyurid *Antechinus minimus maritimus* (Marsupialia : Dasyuridae) 311
Wirth, W. W.
See Debenham, M. L. 851
Woodall, P. F.
The structure and some functional aspects of the eggshell of the broad-shelled river tortoise *Chelodina expansa* (Testudinata : Chelidae) 7
Wooller, R. D.
Bill shape and size in honeyeaters and other small insectivorous birds in Western Australia 657

Printed by CSIRO, Melbourne.